



Introduction to the USGS Publications Warehouse

Kelly Haberstroh
U.S. Geological Survey Library

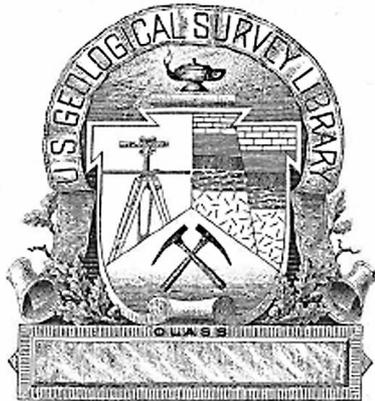
FDLP Academy
May 11, 2023

U.S. Department of the Interior
U.S. Geological Survey

U.S. Geological Survey



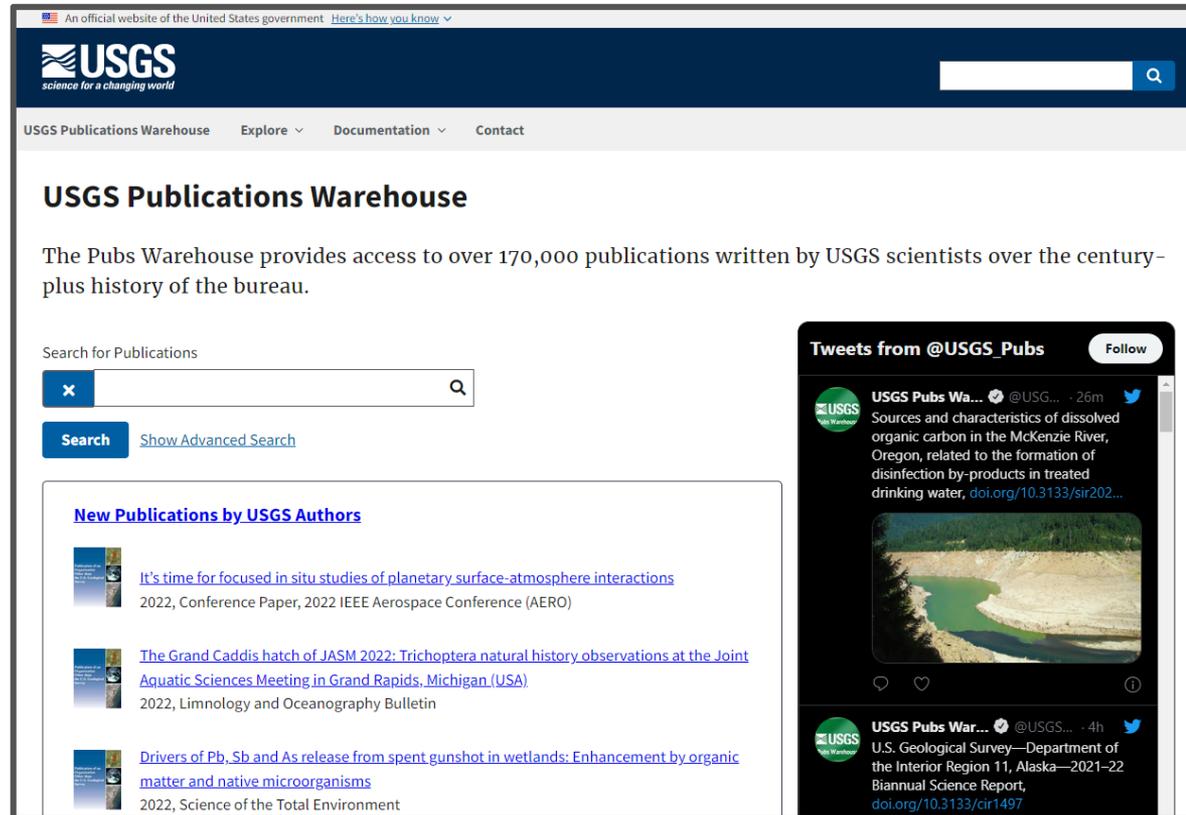
The USGS monitors, analyzes, and predicts current and evolving Earth-system interactions and delivers actionable information at scales and timeframes relevant to decision makers. The USGS provides science about natural hazards, natural resources, ecosystems and environmental health, and the effects of climate and land-use change.



Authorized by Congress in 1879, the U.S. Geological Survey Library is recognized as one of the world's largest Earth and natural science libraries, providing services, collections, and expertise essential to the USGS mission.

Publications Warehouse background

The authoritative catalog and publicly accessible location for accessing USGS peer-reviewed scientific publications



The screenshot displays the USGS Publications Warehouse website on a desktop and a mobile app interface on a smartphone. The website header includes the USGS logo and navigation links. The main content area features a search bar, a description of the warehouse, and a list of new publications. The mobile app shows a tweet from @USGS_Pubs with a photo of a river and a tweet from @USGS_War... about a science report.

USGS Publications Warehouse

The Pubs Warehouse provides access to over 170,000 publications written by USGS scientists over the century-plus history of the bureau.

Search for Publications

Search [Show Advanced Search](#)

New Publications by USGS Authors

- [It's time for focused in situ studies of planetary surface-atmosphere interactions](#)
2022, Conference Paper, 2022 IEEE Aerospace Conference (AERO)
- [The Grand Caddis hatch of JASM 2022: Trichoptera natural history observations at the Joint Aquatic Sciences Meeting in Grand Rapids, Michigan \(USA\)](#)
2022, Limnology and Oceanography Bulletin
- [Drivers of Pb, Sb and As release from spent gunshot in wetlands: Enhancement by organic matter and native microorganisms](#)
2022, Science of the Total Environment

Tweets from @USGS_Pubs

USGS Pubs Wa... @USGS... · 26m
Sources and characteristics of dissolved organic carbon in the McKenzie River, Oregon, related to the formation of disinfection by-products in treated drinking water, doi.org/10.3133/sir202...

USGS Pubs War... @USGS... · 4h
U.S. Geological Survey—Department of the Interior Region 11, Alaska—2021–22 Biannual Science Report, doi.org/10.3133/cir1497

Publications Warehouse background



Mixed-chemical exposure and predicted effects potential in wadeable southeastern USA streams

Science of the Total Environment

By: Paul M. Bradley , Celeste A. Journey , Jason P. Berninger , Daniel T. Button , Jimmy M. Clark , Steven R. Corsi , Laura A. DeCicco , Kristina G. Hopkins , Bradley J. Huffman, Naomi Nakagaki , Julia E. Norman , Lisa H. Nowell , Sharon L. Qi , Peter C. Van Metre , and Ian R. Waite 

<https://doi.org/10.1016/j.scitotenv.2018.11.186>



Links

- More information: [Publisher Index Page \(via DOI\)](#)
- Open Access Version: [Publisher Index Page](#) 
- Download citation as: [RIS](#) | [Dublin Core](#)

Abstract

Complex chemical mixtures have been widely reported in larger streams but relatively little work has been done to characterize them and assess their potential effects in headwater streams. In 2014, the United States Geological Survey (USGS) sampled 54 Piedmont streams over ten weeks and measured 475 unique organic compounds using five analytical methods. Maximum and median exposure conditions were evaluated in relation to watershed characteristics and for potential biological effects using multiple lines of evidence. Results demonstrate that mixed-contaminant exposures are ubiquitous and varied in sampled headwater streams. Approximately 56% (264) of the 475 compounds were detected at least once across all sites. Cumulative maximum concentrations ranged 1,922–162,346 ngL⁻¹ per site. Chemical occurrence significantly correlated to urban land use but was not related to presence/absence of wastewater treatment facility discharges. Designed bioactive chemicals represent about 2/3rd of

Provides access to metadata about and links to 170,000+ historical and current USGS-authored and -funded publications

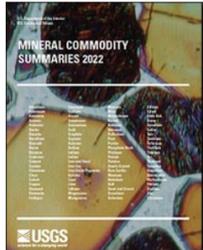
Ecosystem of USGS resources

- **Aggregator**
 - [USGS.gov](https://www.usgs.gov)
- **Publications**
 - [Publications Warehouse](https://pubs.er.usgs.gov)
- **Data**
 - [Science Data Catalog](https://pubs.er.usgs.gov/datacatalog)
 - [ScienceBase](https://sciencebase.usgs.gov/)
- **Models**
 - [Model Catalog](https://pubs.er.usgs.gov/datacatalog)
- **Maps**
 - [The National Map](https://www.usgs.gov/maps)
 - [National Geologic Map Database](https://pubs.er.usgs.gov/national-geologic-map-database)
 - [TopoView](https://topoview.usgs.gov/)
- **Printed publications and maps**
 - [USGS Store](https://store.usgs.gov/)
- **Library collections**
 - [Library catalog](https://pubs.er.usgs.gov/datacatalog)

Publications Warehouse content

Cataloged & full text: Published by USGS	Cataloged & linked: Published by an external entity	Not included
<ul style="list-style-type: none">• USGS numbered series publications & maps• USGS-published reports	<ul style="list-style-type: none">• Journal articles• Conference proceedings• Books• Book chapters• Cooperator publications• Extended abstracts	<ul style="list-style-type: none">• Abstracts• Posters• Presentations• Data releases• Software releases

Popular USGS publication examples



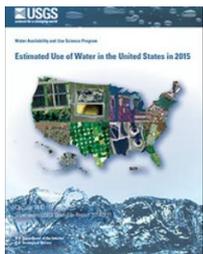
U.S. Geological Survey, 2022, Mineral commodity summaries 2022: U.S. Geological Survey, 202 p., <https://doi.org/10.3133/mcs2022>



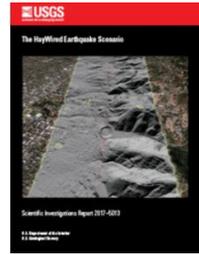
Schulz, K.J. et al., eds., 2017, Critical mineral resources of the United States—Economic and environmental geology and prospects for future supply: U.S. Geological Survey Professional Paper 1802, 797 p., <http://doi.org/10.3133/pp1802>



Moore, G.K., 1979, What is a picture worth? A history of remote sensing: Hydrological Sciences Bulletin, v. 24, no. 4, p. 477-485, <https://doi.org/10.1080/02626667909491887>



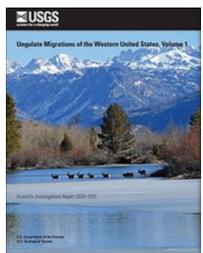
Dieter, C.A. et al., 2018, Estimated use of water in the United States in 2015: U.S. Geological Survey Circular 1441, 65 p., <https://doi.org/10.3133/cir1441>



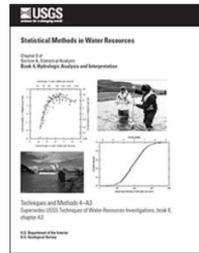
Detweiler, S.T. et al., eds., 2017, The HayWired earthquake scenario: U.S. Geological Survey Scientific Investigations Report 2017–5013, <https://doi.org/10.3133/sir20175013>



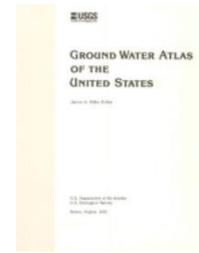
Snyder, J.P., 1987, Map projections: A working manual: U.S. Geological Survey Professional Paper 1395, 385 p., <https://doi.org/10.3133/pp1395>



Kauffman, M.J. et al., 2020, Ungulate migrations of the western United States, Volume 1: U.S. Geological Survey Scientific Investigations Report 2020–5101, 119 p., <https://doi.org/10.3133/sir20205101>



Helsel, D.R. et al., 2020, Statistical methods in water resources: U.S. Geological Survey Techniques and Methods, book 4, chap. A3, 458 p., <https://doi.org/10.3133/tm4a3>



U.S. Geological Survey, 2000, Ground Water Atlas of the United States: U.S. Geological Survey Hydrologic Atlas 730, <https://doi.org/10.3133/h730>

Publications Warehouse background

- Established in 2004
- Moved under the USGS Library in 2009
- Collaborative effort among several groups in USGS

Publications Warehouse staff components

1. Cataloging

- Catalogs newly published USGS-authored products
- Catalogs legacy USGS-authored products
- Updates metadata for existing records
- Located at the National Wildlife Health Center in Madison, WI

Publications Warehouse staff components

2. Web Infrastructure

- Development and maintenance of the Publications Warehouse application
 - Located in Chicago, IL
- Operational and infrastructure support
 - Located in Denver, CO

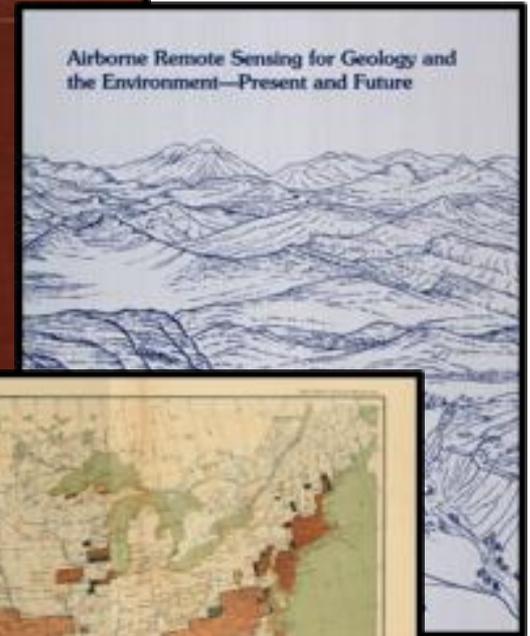
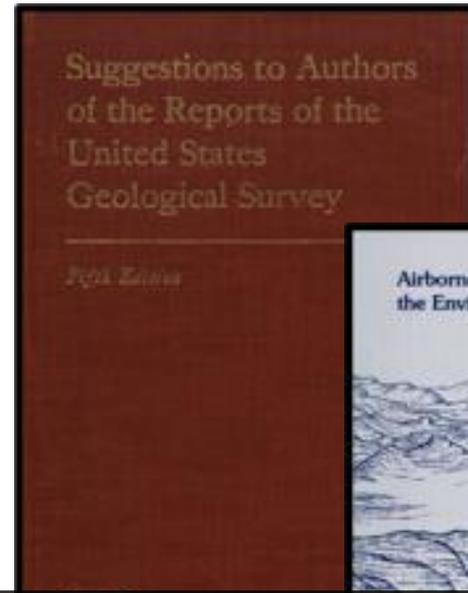
Publications Warehouse staff components

3. Digitization

- Retrospective scanning to provide full-text access to historical USGS series reports
- Over 90% of USGS series publications currently available full text in Publications Warehouse
- Located in the USGS Library in Reston, VA

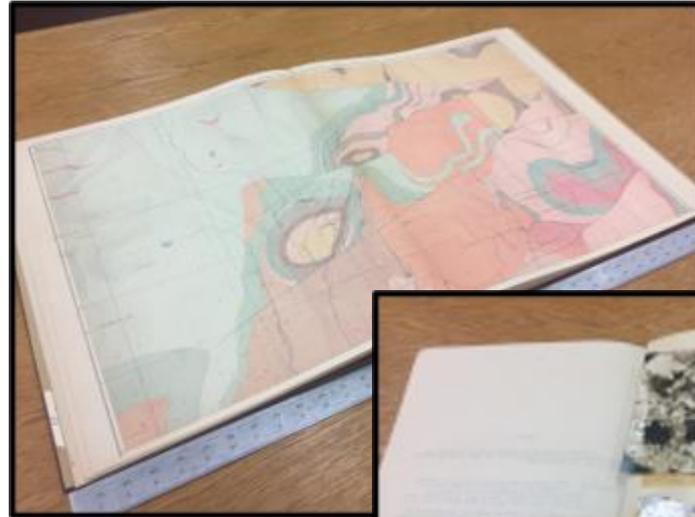
Digitization of USGS publications & maps

- In-house digitization operation at the USGS Reston Library
- Focus in USGS numbered series publications and maps



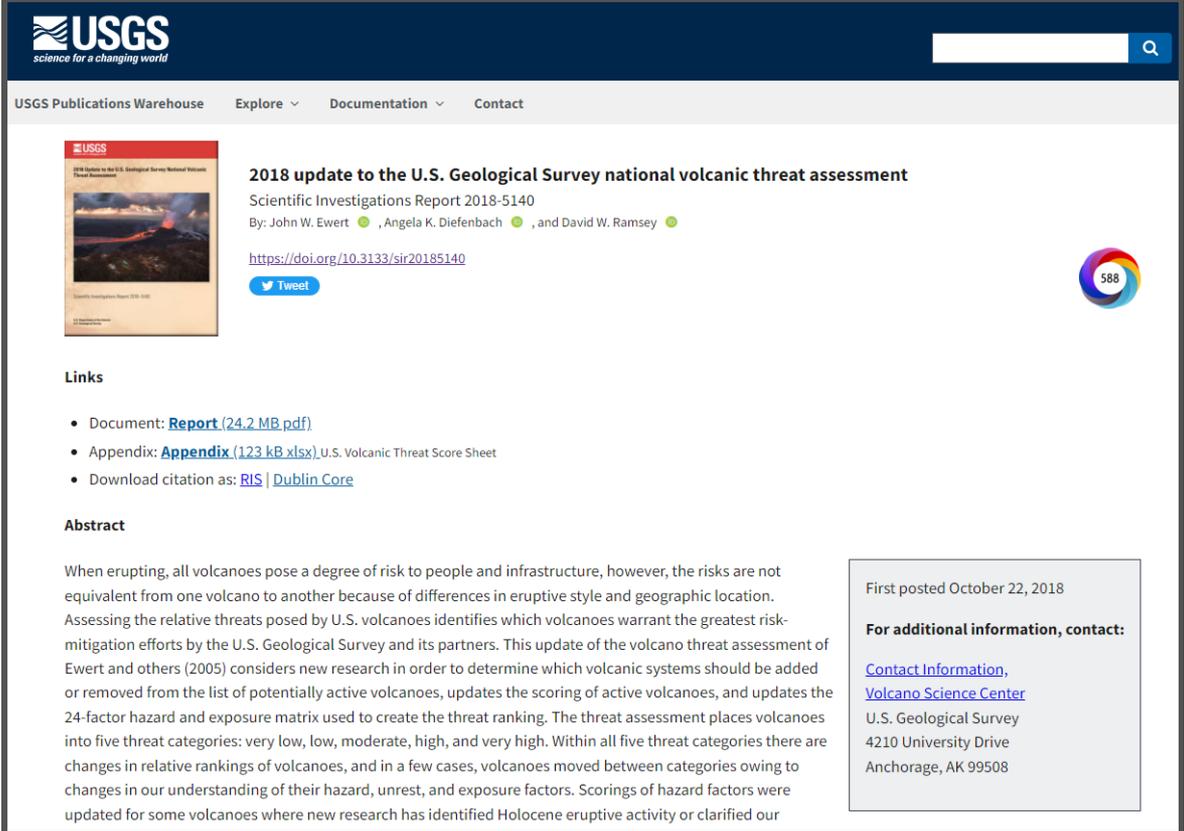
Digitization of USGS publications & maps

- USGS publications & maps are a multitude of different formats
- Some require special handling due to age and condition



Publications Warehouse website

- Records edited, approved, & published by cataloging team are immediately made available to public



The screenshot shows the USGS Publications Warehouse website. The header includes the USGS logo and navigation links: "USGS Publications Warehouse", "Explore", "Documentation", and "Contact". A search bar is located in the top right corner. The main content area features a thumbnail of the report cover, the title "2018 update to the U.S. Geological Survey national volcanic threat assessment", the report number "Scientific Investigations Report 2018-5140", and the authors "By: John W. Ewert, Angela K. Diefenbach, and David W. Ramsey". A DOI link and a "Tweet" button are also present. Below the title, there is a "Links" section with three items: "Document: Report (24.2 MB pdf)", "Appendix: Appendix (123 kB xlsx) U.S. Volcanic Threat Score Sheet", and "Download citation as: RIS | Dublin Core". An "Abstract" section follows, providing a summary of the report's content. On the right side, there is a circular badge with the number "588". At the bottom right, a box contains the date "First posted October 22, 2018" and contact information for the Volcano Science Center.

USGS
science for a changing world

USGS Publications Warehouse Explore Documentation Contact

2018 update to the U.S. Geological Survey national volcanic threat assessment
Scientific Investigations Report 2018-5140
By: John W. Ewert, Angela K. Diefenbach, and David W. Ramsey
<https://doi.org/10.3133/sir20185140>
Tweet

Links

- Document: [Report \(24.2 MB pdf\)](#)
- Appendix: [Appendix \(123 kB xlsx\)](#) U.S. Volcanic Threat Score Sheet
- Download citation as: [RIS](#) | [Dublin Core](#)

Abstract

When erupting, all volcanoes pose a degree of risk to people and infrastructure, however, the risks are not equivalent from one volcano to another because of differences in eruptive style and geographic location. Assessing the relative threats posed by U.S. volcanoes identifies which volcanoes warrant the greatest risk-mitigation efforts by the U.S. Geological Survey and its partners. This update of the volcano threat assessment of Ewert and others (2005) considers new research in order to determine which volcanic systems should be added or removed from the list of potentially active volcanoes, updates the scoring of active volcanoes, and updates the 24-factor hazard and exposure matrix used to create the threat ranking. The threat assessment places volcanoes into five threat categories: very low, low, moderate, high, and very high. Within all five threat categories there are changes in relative rankings of volcanoes, and in a few cases, volcanoes moved between categories owing to changes in our understanding of their hazard, unrest, and exposure factors. Scorings of hazard factors were updated for some volcanoes where new research has identified Holocene eruptive activity or clarified our

First posted October 22, 2018

For additional information, contact:
[Contact Information](#),
[Volcano Science Center](#)
U.S. Geological Survey
4210 University Drive
Anchorage, AK 99508

Publications Warehouse design

- Responsive design
 - Works on tablets, mobile phones, and desktops
- Semantic HTML5
 - Content is more accessible and meaningful to all users, human and machine
- U.S. Web Design Standards
 - Follows standards for federal government website design
- Migrated to cloud in 2020
 - Increased stability



USGS Publications Warehouse

The Pubs Warehouse provides access to over 170,000 publications written by USGS scientists over the century-plus history of the bureau.

Search for Publications

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New Publications by USGS Authors



[It's time for focused in situ studies of planetary surface-atmosphere interactions](#)

2022, Conference Paper, 2022 IEEE Aerospace Conference (AERO)



[The Grand Caddis hatch of JASM 2022: Trichoptera natural history observations at the Joint Aquatic Sciences Meeting in Grand Rapids, Michigan \(USA\)](#)

2022, Limnology and Oceanography Bulletin



[Drivers of Pb, Sb and As release from spent gunshot in wetlands: Enhancement by organic matter and native microorganisms](#)

2022, Science of the Total Environment

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USGS Pubs War... @USGS_Pubs · 1h
Sources and characteristics of dissolved organic carbon in the McKenzie River, Oregon, related to the formation of disinfection by-products in treated drinking water, doi.org/10.3133/sir202...

USGS Pubs War... @USGS_Pubs · 5h
U.S. Geological Survey—Department of the Interior Region 11, Alaska—2021–22 Biannual Science Report, doi.org/10.3133/cir1497

Basic search

Search for Publications



- Most users use basic search
- Basic search will search for terms anywhere in:
 - Title
 - Series name and number
 - Author
 - Abstract
 - Year
 - Larger work title

Search for Publications

Advanced search

Advanced search category

Title:

Contributor Name:

Contributing Office:

ORCID:

Year Published:

Publication Type:

Publication Subtype:

Series Name:

Report Number:

Search

[Clear Advanced Search](#)

Tweets by @USGS_Pubs

USGS Pubs Warehouse @USGS_Pubs
Regional-scale associations between indicators of biological integrity and indicators of streamflow modification, ow.ly/yb6q50wqvIT



42m

USGS Pubs Warehouse @USGS_Pubs
Water for Long Island—Now and for the future, ow.ly/WzhM50wozbS



Embed View on Twitter

Advanced search

When you search using multiple fields, PW will perform a search for publications that contain all of your search terms.

For example, if you enter these terms:

Series Name: Open-File Report
Publication Title: water
Year Published: 1973

PW will perform the search like this:

Series Name: Open-File
Report AND Publication Title:
water AND Year Published: 1973

If you select the same field multiple times from the Advanced Search dropdown, PW will perform an OR search for that field.

For example, if you enter these terms:

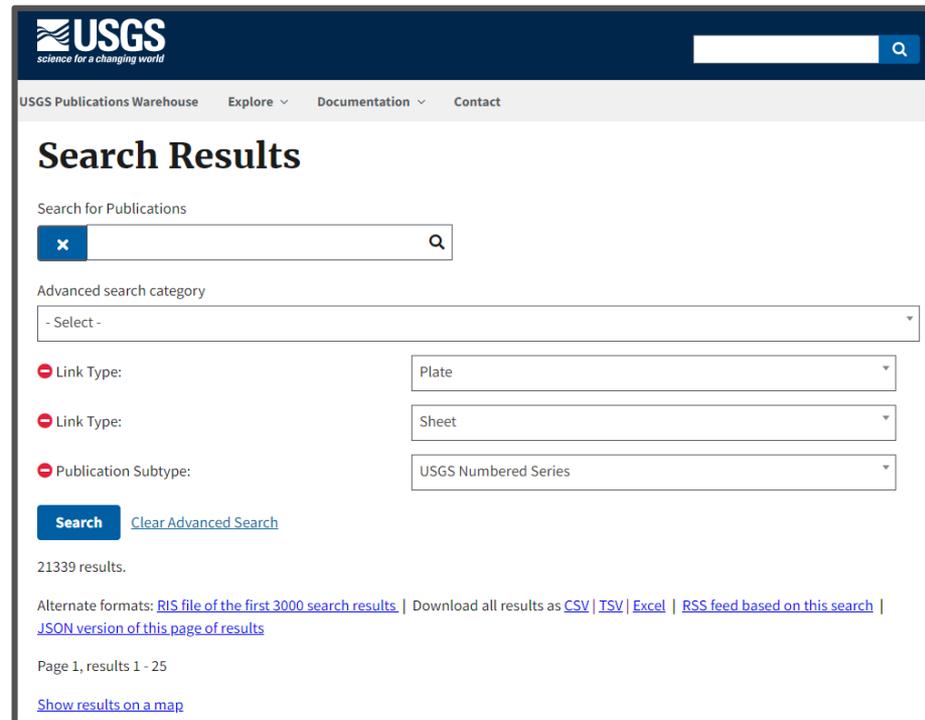
Series Name: Open-File Report
Series Name: Circular
Publication Title: water
Year Published: 1973
Year Published: 1975

PW will perform this search:

(Series Name: Open-File
Report OR Circular) AND (Publication
Title: water) AND (Year Published:
1973 OR 1975).

Advanced search

- Using the Advanced search to find downloadable maps
 - Search string:
<https://pubs.er.usgs.gov/search?q=&subtypeName=USGS+Numbered+Series&linkType=Plate&linkType=Sheet>



The screenshot shows the USGS Publications Warehouse search results page. The header includes the USGS logo and navigation links for Explore, Documentation, and Contact. The main heading is "Search Results". Below it is a search bar with a search icon and a clear button. The "Advanced search category" is set to "- Select -". There are three filter options: "Link Type" with a dropdown menu set to "Plate", "Link Type" with a dropdown menu set to "Sheet", and "Publication Subtype" with a dropdown menu set to "USGS Numbered Series". A "Search" button and a "Clear Advanced Search" link are present. The results section shows "21339 results." and provides alternate formats: "RIS file of the first 3000 search results", "Download all results as CSV | TSV | Excel | RSS feed based on this search | JSON version of this page of results". The page number is "Page 1, results 1 - 25" and there is a link to "Show results on a map".

Search Results

Search for Publications



Colorado River



Search query

Search

[Show Advanced Search](#)

Download formats

2891 results.

Alternate formats

[Download search results as RIS](#) | [CSV](#) | [TSV](#) | [Excel](#)[RSS feed based on this search](#) | [JSON version of this page of results](#)

Page 1, results 1 - 25

Search results

[Show results on a map](#)[Identifying nutrient sources and sinks to the South Platte River and Cherry Creek, Denver, CO, during low-flow conditions in 2019–2020](#)

William A. Battaglin, Tanner William Chapin

2022, River Research and Applications

Elevated concentrations and loads of nutrients in the South Platte River and Cherry Creek in Denver, Colorado, may have adverse effects on those streams and downstream water bodies, including increased production of algae, eutrophication, and decreased recreational opportunities. This article describes streamflow and concentrations and loads of nutrients for the...

[Channel mapping of the Colorado River from Glen Canyon Dam to Lees Ferry in Glen Canyon National Recreation Area, Arizona](#)

Matt Kaplinski, Joseph E. Hazel Jr., Paul E. Grams, Tom Gushue, Daniel D. Buscombe, Keith Kohl

2022, Open-File Report 2022-1057

Bathymetric and topographic data were collected from May 2013 to February 2016 along the 15.84-mile reach of the Colorado River spanning from Glen Canyon Dam to Lees Ferry in Glen Canyon National Recreation Area, Arizona. Channel bathymetry was mapped using multibeam and singlebeam echo sounders; subaerial topography was mapped using...

[Field investigation of sub-isokinetic sampling by the US D-96-type suspended-sediment sampler and its effect on suspended-sediment measurements](#)

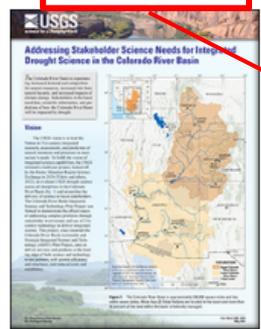
Thomas A. Sabol, David J. Topping, Ronald E. Griffiths, Guillaume Dramais

2022, Open-File Report 2022-1077

Collection of accurate suspended-sediment data using depth-integrating samplers requires that they operate isokinetically, that is, that they sample at the local stream velocity unaffected by the presence of the suspended-sediment sampler. Sub-isokinetic suspended-sediment sampling causes grain-size dependent positive biases in the suspended-sediment concentration measured by the suspended-sediment sampler. Collapsible bag...

Title

Series info



Addressing Stakeholder Science Needs for Integrated Drought Science in the Colorado River Basin

Fact Sheet 2022-3010

By: Anne C. Tillery, Sally F. House, Rebecca J. Frus, Sharon L. Qi, Daniel K. Jones, and William J. Andrews

<https://doi.org/10.3133/fs20223010>



Authors

DOI



Links

- Document: [Report \(2.94 MB.pdf\)](#)
- Data Release: [USGS data release](#)— A snapshot of stakeholder science needs related to drought in the Colorado River Basin
- Download citation as [RIS](#) | [Dublin Core](#)

Full-text report link

Associated data link

Citation download options

Abstract

Contact information

Abstract

Stakeholders need scientific data, analysis, and predictions of how drought the will impact the Colorado River Basin in a format that is continuously updated, intuitive, and easily accessible. The Colorado River Basin Actionable and Strategic Integrated Science and Technology Pilot Project was formed to demonstrate the effectiveness of addressing complex problems through stakeholder involvement and use of 21st century technology to deliver integrated science. By identifying stakeholders and their science needs, the project team is better able to prioritize integrated science and design science delivery systems to support better adaptation and management measures for the long-term drought occurring in this basin. The project team is conducting outreach and coordination with stakeholders to meet the current and future science and technology needs in the basin and fulfill the USGS vision of integrated drought science throughout the Basin. As the USGS works to streamline the approach for sharing integrated drought science in the Colorado River Basin, the project is looking for input, involvement, and collaboration to ensure the science provided works for stakeholders.

First posted June 7, 2022

For additional information, contact:

Director, [Region 7 - Upper Colorado Basin](#)
 U.S. Geological Survey
 Denver Federal Center, Bldg. 67
 P.O. Box 25046, MS 911
 Denver, CO 80225-0046

Suggested Citation

Tillery, A.C., House, S., Frus, R.J., Qi, S.L., Jones, D.K., and Andrews, W.J., 2022, Addressing stakeholder science needs for integrated drought science in the Colorado River Basin, USGS Fact Sheet 2022-3010, 4 p., <https://doi.org/10.3133/fs20223010>.

ISSN: 2327-6932 (online)

Citation

Study Area

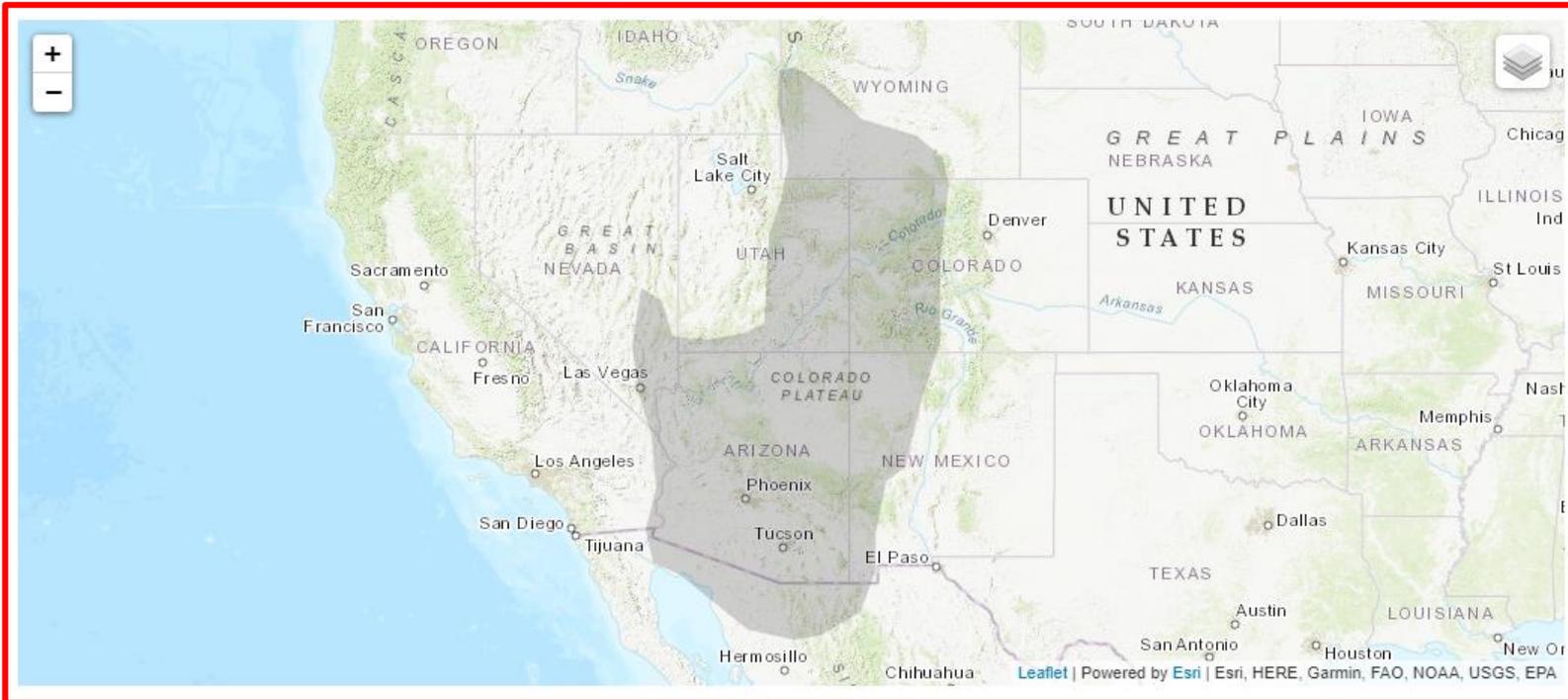


Table of Contents

- Vision
- Stakeholder Driven Science
- Momentum
- References Cited

Study area

Bibliographic metadata



Additional publication details

Publication type	Report
Publication Subtype	USGS Numbered Series
Title	Addressing stakeholder science needs for integrated drought science in the Colorado River Basin
Series title	Fact Sheet
Series number	2022-3010
DOI	10.3133/fs20223010
Year Published	2022
Language	English
Publisher	U.S. Geological Survey
Publisher location	Reston, VA
Contributing office(s)	California Water Science Center, Nevada Water Science Center, New Mexico Water Science Center, Washington Water Science Center
Description	Report: 4 p.; Data Release
Country	United States
State	Arizona, Colorado, Nevada, New Mexico, Utah, Wyoming
Other Geospatial	Colorado River Basin

Google Analytic
Metrics

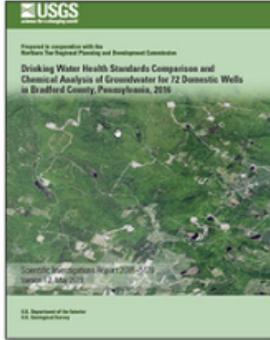
[Metrics page](#)

Page visit & download metrics



Digital Object Identifiers (DOIs)

- Persistent identifiers
- All USGS series publications have CrossRef DOIs assigned
- Citeable, trackable, discoverable



Drinking Water Health Standards Comparison and Chemical Analysis of Groundwater for 72 Domestic Wells in Bradford County, Pennsylvania, 2016

Scientific Investigations Report 2018-5170
Prepared in cooperation with the Northern Tier Regional Planning and Development Commission

By: John W. Clune  and Charles A. Cravotta III 

<https://doi.org/10.3133/sir20185170>

 Tweet



Links

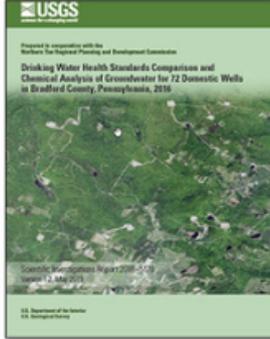
- Document: [Report \(8.01 MB pdf\)](#)
- Data Release: [USGS data release](#) - Compilation of Data Not Available in the National Water Information System for Domestic Wells Sampled by the U.S. Geological Survey in Bradford County, Pennsylvania, May-August 2016
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Abstract

CrossRef DOI

Associated data links

- USGS required to release data with publication
- Typically a DataCite DOI is provided for associated data release



Drinking Water Health Standards Comparison and Chemical Analysis of Groundwater for 72 Domestic Wells in Bradford County, Pennsylvania, 2016

Scientific Investigations Report 2018-5170
Prepared in cooperation with the Northern Tier Regional Planning and Development Commission

By: John W. Clune  and Charles A. Cravotta III 

<https://doi.org/10.3133/sir20185170>

 Tweet



DataCite DOI

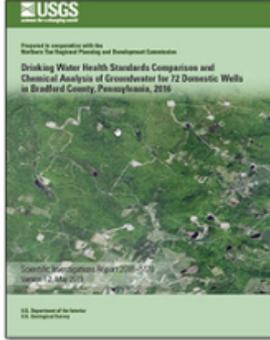
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- Version History: [Version History \(1.24 KB txt\)](#)
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Abstract

ORCIDiDs

- Unique, persistent identifiers for people



Drinking Water Health Standards Comparison and Chemical Analysis of Groundwater for 72 Domestic Wells in Bradford County, Pennsylvania, 2016

Scientific Investigations Report 2018-5170
Prepared in cooperation with the Northern Tier Regional Planning and Development Commission

By: John W. Clune  and Charles A. Cravotta III 

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ORCIDiDs

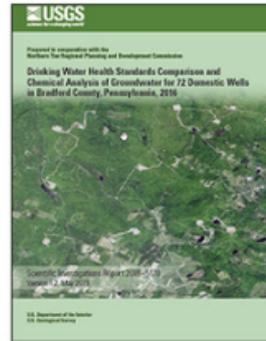
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Abstract

Altmetric

- Provides online attention score for individual publications
- Badges display on citation pages



Drinking Water Health Standards Comparison and Chemical Analysis of Groundwater for 72 Domestic Wells in Bradford County, Pennsylvania, 2016

Scientific Investigations Report 2018-5170

Prepared in cooperation with the Northern Tier Regional Planning and Development Commission

By: John W. Clune  and Charles A. Cravotta III 

<https://doi.org/10.3133/sir20185170>



Altmetric



Links

- Document: [Report \(8.01 MB pdf\)](#)
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Abstract

Unpaywall

- Identifies open access versions through publisher and other repos
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Publication of an Organization Other than the U.S. Geological Survey

Ecosystem variability along the estuarine salinity gradient: Examples from long-term study of San Francisco Bay

Limnology and Oceanography

By: James E. Cloern , Alan D. Jassby, Tara Schraga , Erica S. Kress , and Charles A. Martin 

<https://doi.org/10.1002/lno.10537>





Unpaywall

Links

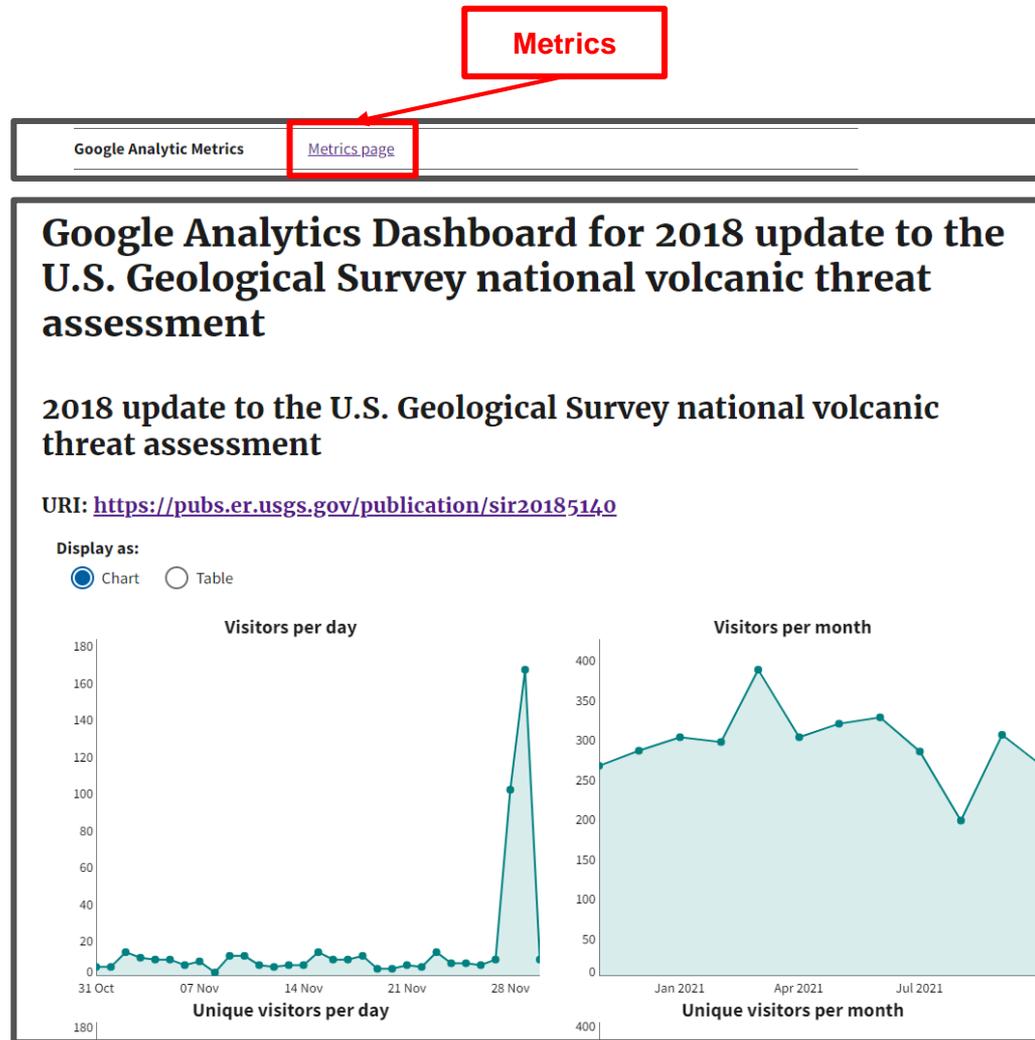
- More information: [Publisher Index Page \(via DOI\)](#) Publicly accessible after 3/25/2017 (public access data via [CHORUS](#))
- **Open Access Version: [Publisher Index Page](#) **
- Download citation as: [RIS](#) | [Dublin Core](#)

Abstract

The salinity gradient of estuaries plays a unique and fundamental role in structuring spatial patterns of physical properties, biota, and biogeochemical processes. We use variability along the salinity gradient of San Francisco Bay to illustrate some lessons about the diversity of spatial structures in estuaries and their variability over time. Spatial patterns of dissolved constituents (e.g., silicate) can be linear or nonlinear, depending on the relative importance of river-ocean mixing and internal sinks (diatom uptake). Particles have different spatial

Web metrics

- Every PW citation page has metrics available for the past 12 months



XML/HTML transformation

- PW transforms USGS series publication XML into an HTML webpage displaying the full text on the fly

- Example:
<https://pubs.er.usgs.gov/publication/sir20215042/full>



Using Microbial Source Tracking To Identify Fecal Contamination Sources in an Embayment in Hempstead Harbor on Long Island, New York

Scientific Investigations Report 2021-5042

Prepared in cooperation with the New York State Department of Environmental Conservation

By: Tristen N. Tagliaferri, Shawn C. Fisher, Christopher M. Kephart, Natalie Cheung, Ariel P. Reed, and Robert J. Welk

<https://doi.org/10.3133/sir20215042>

Table of Contents

Links

- Documents:
 - [Report \(2.04 MB pdf\)](#)
 - [Report \(html\)](#)
- Related Work: [Scientific Investigations Report 2021-5033](#) - Overview and methodology for a study to identify fecal contamination sources using microbial source tracking in seven embayments on Long Island, New York
- Data Release: [USGS National Water Information System database](#) - USGS water data for the nation
- Download citation as: [RIS](#) | [Dublin Core](#)

Acknowledgments

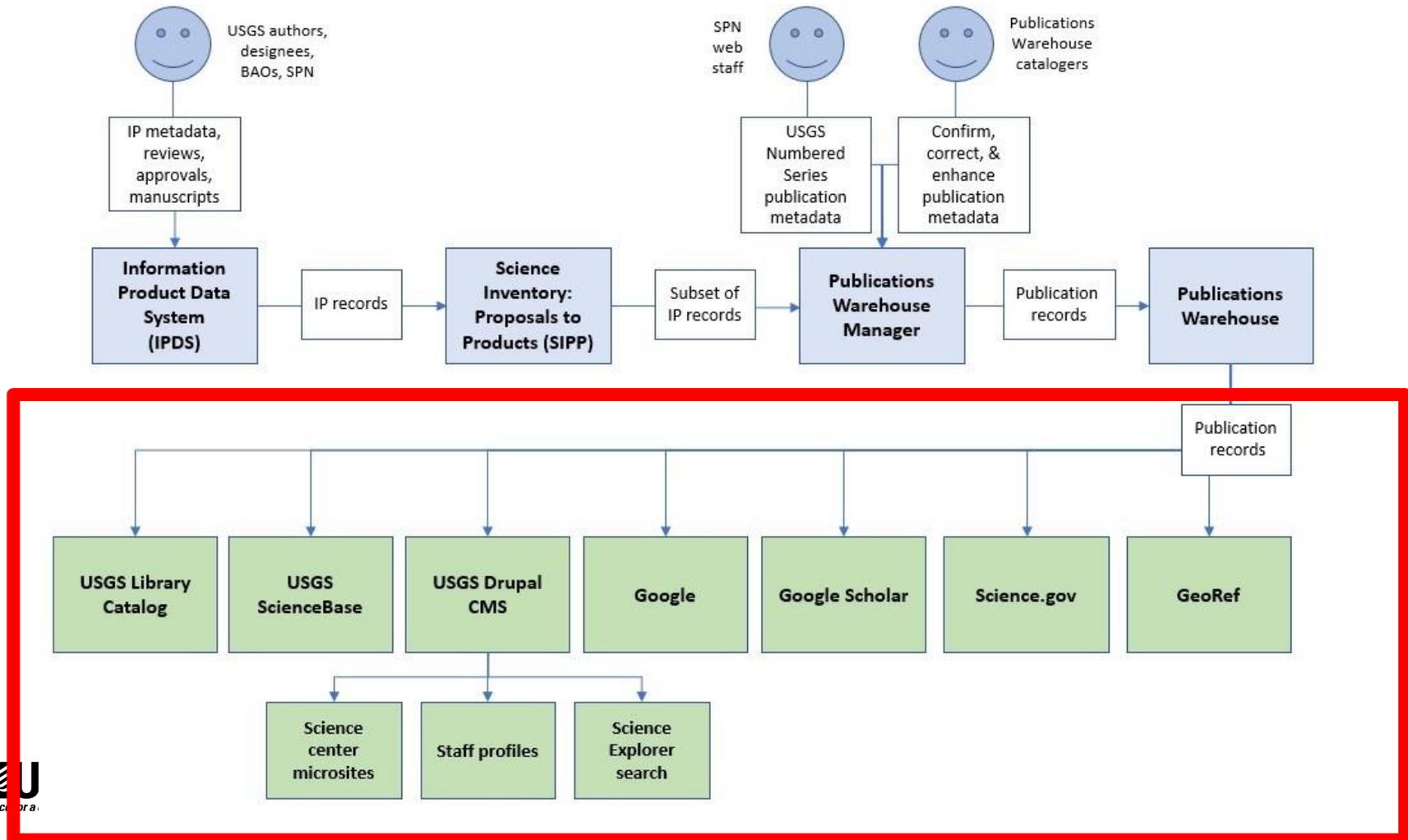
The authors wish to thank the staff of the Bureau of Shellfisheries at the New York State Department of Environmental Conservation for their field efforts. The authors also wish to acknowledge the local guidance of the Coalition

First posted August 9, 2021

For additional information, contact:

[Director, New York Water Science Center](#)
U.S. Geological Survey
425 Jordan Road

Publications Warehouse API users



Publications Warehouse API

- Site is dynamic and service driven
- Web service can be queried using a RESTlike technique
- API is open to anyone to use

REST parameter	Argument	Domain Value URL	Discussion
q	<i>any text string</i>		The core pubs warehouse search parameter, searches a text index of all fields of pubs warehouse. Common words (a, as, the, etc) are dropped from the search, and plurals (e.g. hurricane vs. hurricanes) are combined.
title	text string		An exact match for the string within the title of a publication
contributingOffice	text string	https://pubs.er.usgs.gov/pubs-services/lookup/costcenters?mimetype=json	The name of the USGS organization which contributed this publication. There is a domain value service for contributing office. The data behind this particular field is best starting in roughly 2012, though some offices have much better data.
contributor	text string		any text string matching a contributor, with the right side if the sting wildcarded. For example, wild will match both wild and wildlife. For more recent publications, the email address of usgs contributors is also indexed.
year	number (4 digit)		exact match for year published
startYear	number		Return publications that were published in or after this year.
endYear	number		Return publications that were published in or before this year
typeName		https://pubs.er.usgs.gov/pubs-services/lookup/publicationtypes?mimetype=json	
subtypeName		https://pubs.er.usgs.gov/pubs-services/lookup/publicationstypes?mimetype=json&publicationtypeid=4	
seriesName		https://pubs.er.usgs.gov/pubs-services/lookup/publicationseries?active=n&mimetype=json&publicationstypesubtypeid=12&text=as	
reportNumber	string		matches a USGS or other agency report number

Raw

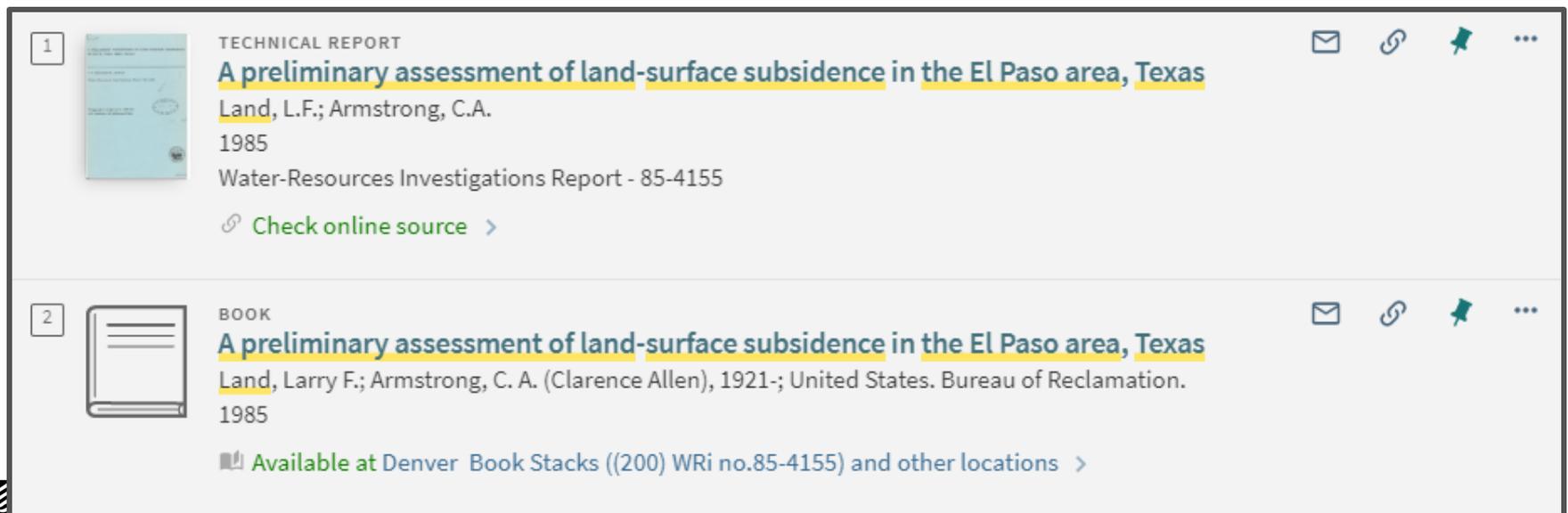
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    "Daniel K. Jones",
    "William J. Andrews"
  ],
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**JSON version of citation
page**

USGS Library Catalog

- Pubs Warehouse records display in the Library catalog
- Search “Everything” to return print & Pubs Warehouse results



The screenshot shows two search results for the same title: "A preliminary assessment of land-surface subsidence in the El Paso area, Texas".

Result 1: TECHNICAL REPORT. The title is highlighted in yellow. Authors: Land, L.F.; Armstrong, C.A. Year: 1985. Report number: Water-Resources Investigations Report - 85-4155. A green link "Check online source >" is visible. Action icons (envelope, link, pin, and more) are in the top right.

Result 2: BOOK. The title is highlighted in yellow. Authors: Land, Larry F.; Armstrong, C. A. (Clarence Allen), 1921-; United States. Bureau of Reclamation. Year: 1985. A green link "Available at Denver Book Stacks ((200) WRi no.85-4155) and other locations >" is visible. Action icons (envelope, link, pin, and more) are in the top right.

USGS Library Catalog



TECHNICAL REPORT
A preliminary assessment of land-surface subsidence in the El Paso area, Texas
Land, L.F.; Armstrong, C.A.
1985
Water-Resources Investigations Report - 85-4155
[Check online source >](#)

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Full text availability

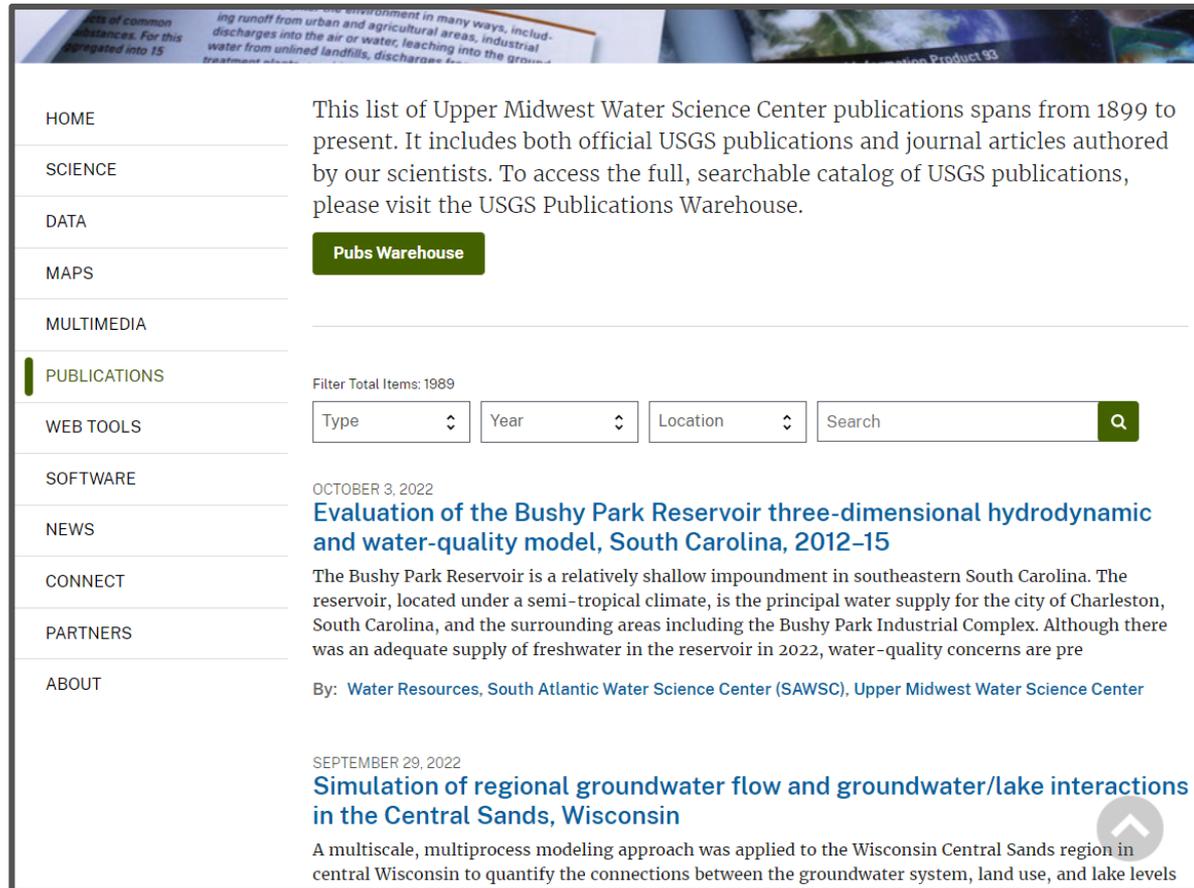


Details

Title	A preliminary assessment of land-surface subsidence in the El Paso area, Texas
Creator	Land, L.F. > Armstrong, C.A. >
Publisher	U.S. Geological Survey
Creation Date	1985
Series Title	Water-Resources Investigations Report
Series Code	WRI
Series Number	85-4155
Citation	A preliminary assessment of land-surface subsidence in the El Paso area, Texas; 1985; WRI; 85-4155; Land, L. F.; Armstrong, C. A.
Type	Technical Report
Format	application/pdf vi, 96 p.
Language	English

USGS.gov science center webpages

- Publications Warehouse automatically populates associated publications for USGS science center webpages



The screenshot shows the USGS Publications Warehouse interface. On the left is a navigation menu with links for HOME, SCIENCE, DATA, MAPS, MULTIMEDIA, PUBLICATIONS (highlighted), WEB TOOLS, SOFTWARE, NEWS, CONNECT, PARTNERS, and ABOUT. The main content area features a header with a background image of scientific papers and a globe. Below the header is a paragraph describing the list of Upper Midwest Water Science Center publications from 1899 to the present. A green button labeled 'Pubs Warehouse' is visible. A search filter section shows 'Filter Total Items: 1989' and input fields for 'Type', 'Year', 'Location', and a search box. Two publication entries are listed: one dated OCTOBER 3, 2022 titled 'Evaluation of the Bushy Park Reservoir three-dimensional hydrodynamic and water-quality model, South Carolina, 2012-15' by Water Resources, South Atlantic Water Science Center (SAWSC), and Upper Midwest Water Science Center; and another dated SEPTEMBER 29, 2022 titled 'Simulation of regional groundwater flow and groundwater/lake interactions in the Central Sands, Wisconsin'.

HOME

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ABOUT

This list of Upper Midwest Water Science Center publications spans from 1899 to present. It includes both official USGS publications and journal articles authored by our scientists. To access the full, searchable catalog of USGS publications, please visit the USGS Publications Warehouse.

Pubs Warehouse

Filter Total Items: 1989

Type Year Location Search

OCTOBER 3, 2022
Evaluation of the Bushy Park Reservoir three-dimensional hydrodynamic and water-quality model, South Carolina, 2012-15

The Bushy Park Reservoir is a relatively shallow impoundment in southeastern South Carolina. The reservoir, located under a semi-tropical climate, is the principal water supply for the city of Charleston, South Carolina, and the surrounding areas including the Bushy Park Industrial Complex. Although there was an adequate supply of freshwater in the reservoir in 2022, water-quality concerns are pre

By: [Water Resources, South Atlantic Water Science Center \(SAWSC\)](#), [Upper Midwest Water Science Center](#)

SEPTEMBER 29, 2022
Simulation of regional groundwater flow and groundwater/lake interactions in the Central Sands, Wisconsin

A multiscale, multiprocess modeling approach was applied to the Wisconsin Central Sands region in central Wisconsin to quantify the connections between the groundwater system, land use, and lake levels

USGS.gov staff profiles

- Publications Warehouse automatically populates associated publications for USGS staff on their profile webpages

Hon Ip



Diagnostic Virologist
National Wildlife Health Center
Email: hip@usgs.gov
Phone: 608-270-2464
0000-0003-4844-7533
6006 Schroeder Road
Madison, WI 53711
United States

Expertise

virology

avian influenza

coronaviruses

Hon Ip is a Diagnostic and Research Virologist at the National Wildlife Health Center.

As a Diagnostic and Research Virologist, I am interested in the emergence and spread of novel, introduced, and endemic viral diseases of wildlife. For example, through the National Wildlife Health Center's long-standing program to investigate wildlife mortality events in the United States, our Diagnostic Virology Laboratory was first to detect introductions of West Nile Virus (in 1999) and Highly Pathogenic Avian Influenza H5N8 (in 2014). Both of these introductions resulted in large-scale monitoring efforts that provided real-time and actionable intelligence to state and federal partners for disease response. We have also investigated periodic recurrence of Newcastle Disease in cormorants, geographic expansion of Eurasian collared doves and associated spread of pigeon paramyxovirus, and applied phylogenetic approaches to understand the diversity and transmission of viral diseases on the landscape. Since 2008 we have been studying viruses in North American bats, including coronaviruses. Following the recent emergence of COVID-19, this work provides a highly relevant framework for investigating possible impacts of the SARS-CoV-2 virus on native, North American bat species, and for more broadly characterizing the diversity of coronaviruses in North American wildlife.

Education and Certifications

- Ph. D. Molecular Parasitology. The Rockefeller University, New York, NY.
- M. Sc. Microbiology and Parasitology. University of Toronto, Ontario, Canada.
- B. Sc. Microbiology and Parasitology. University of Toronto, Ontario, Canada.

Affiliations and Memberships*

- Honorary Associate Fellow. Department of Pathobiological Sciences, School of Veterinary Medicine, University of Wisconsin-Madison.
- Adjunct Assistant Professor. Department of Population Health Sciences, School of Medicine and Public Health, University of Wisconsin-Madison.

Science and Products

Science Data **Publications** News

Filter Total Items: 88

Type Year

OCTOBER 6, 2022

Immunogenicity, safety, and anti-viral efficacy of a subunit SARS-CoV-2 vaccine candidate in captive black-footed ferrets (*Mustela nigripes*) and their susceptibility to viral challenge

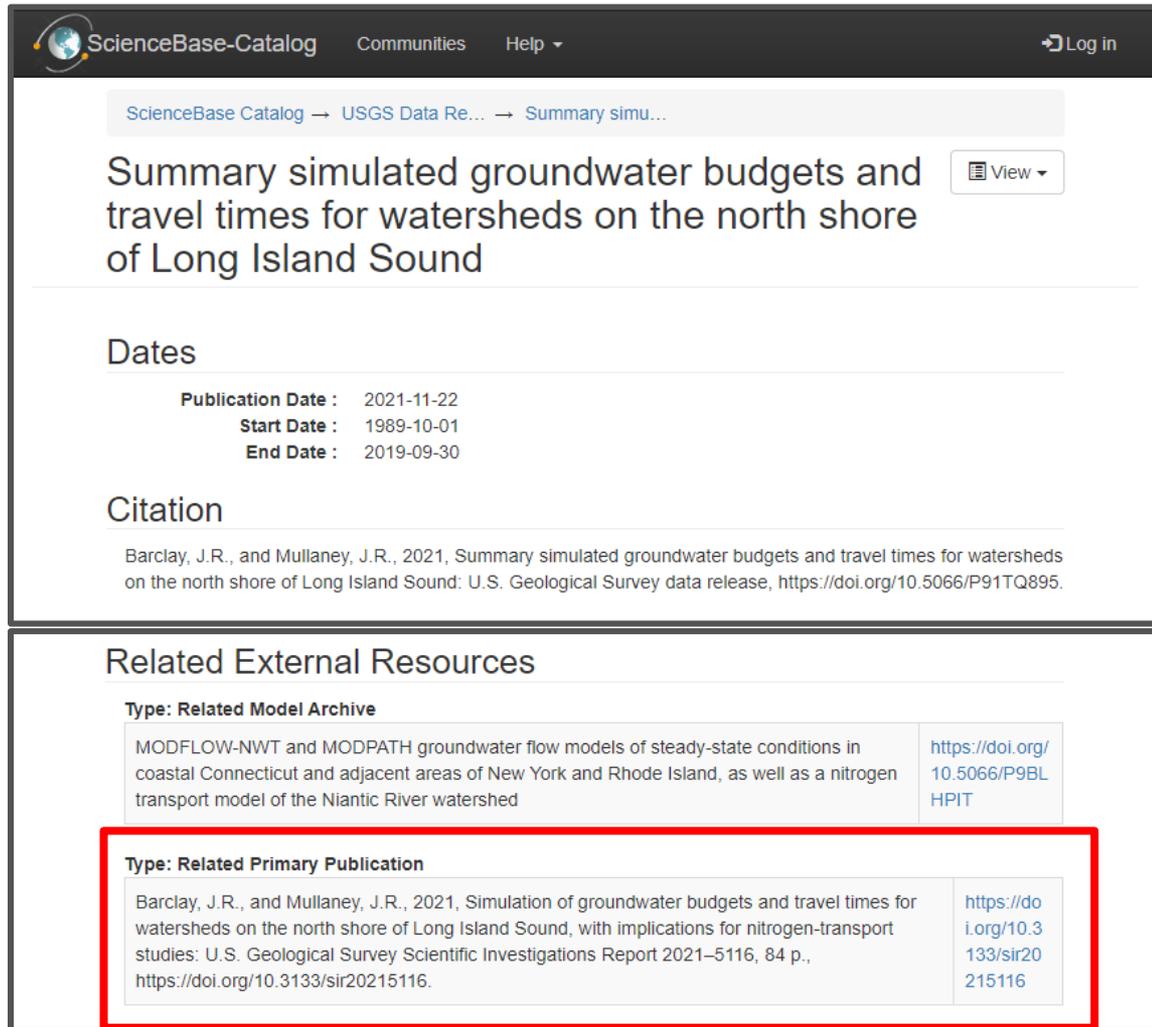
A preliminary vaccination trial against the emergent pathogen, SARS-CoV-2, was completed in captive black-footed ferrets (*Mustela nigripes*; BFF) to assess safety, immunogenicity, and anti-viral efficacy. Vaccination and boosting of 15 BFF with purified SARS-CoV-2 S1 subunit protein produced a nearly 150-fold increase in mean antibody titers compared to pre-vaccination titers. Serum antibody respon

By: Ecosystems, National Wildlife Health Center

USGS ScienceBase

- Related publications in PW are referenced in ScienceBase data releases

<https://www.sciencebase.gov>



The screenshot shows the ScienceBase Catalog interface. At the top, there is a navigation bar with "ScienceBase-Catalog", "Communities", and "Help". A breadcrumb trail reads "ScienceBase Catalog → USGS Data Re... → Summary simu...". The main title is "Summary simulated groundwater budgets and travel times for watersheds on the north shore of Long Island Sound" with a "View" button. Below the title, the "Dates" section lists: "Publication Date : 2021-11-22", "Start Date : 1989-10-01", and "End Date : 2019-09-30". The "Citation" section contains: "Barclay, J.R., and Mullaney, J.R., 2021, Summary simulated groundwater budgets and travel times for watersheds on the north shore of Long Island Sound: U.S. Geological Survey data release, <https://doi.org/10.5066/P91TQ895>." The "Related External Resources" section includes two entries. The first is a "Related Model Archive" for MODFLOW-NWT and MODPATH models. The second is a "Related Primary Publication" for a simulation study, which is highlighted with a red border. This entry includes the citation: "Barclay, J.R., and Mullaney, J.R., 2021, Simulation of groundwater budgets and travel times for watersheds on the north shore of Long Island Sound, with implications for nitrogen-transport studies: U.S. Geological Survey Scientific Investigations Report 2021-5116, 84 p., <https://doi.org/10.3133/sir20215116>."

ScienceBase-Catalog Communities Help ▾ Log in

ScienceBase Catalog → USGS Data Re... → Summary simu...

Summary simulated groundwater budgets and travel times for watersheds on the north shore of Long Island Sound View ▾

Dates

Publication Date : 2021-11-22
Start Date : 1989-10-01
End Date : 2019-09-30

Citation

Barclay, J.R., and Mullaney, J.R., 2021, Summary simulated groundwater budgets and travel times for watersheds on the north shore of Long Island Sound: U.S. Geological Survey data release, <https://doi.org/10.5066/P91TQ895>.

Related External Resources

Type: Related Model Archive

MODFLOW-NWT and MODPATH groundwater flow models of steady-state conditions in coastal Connecticut and adjacent areas of New York and Rhode Island, as well as a nitrogen transport model of the Niantic River watershed <https://doi.org/10.5066/P9BLHPIT>

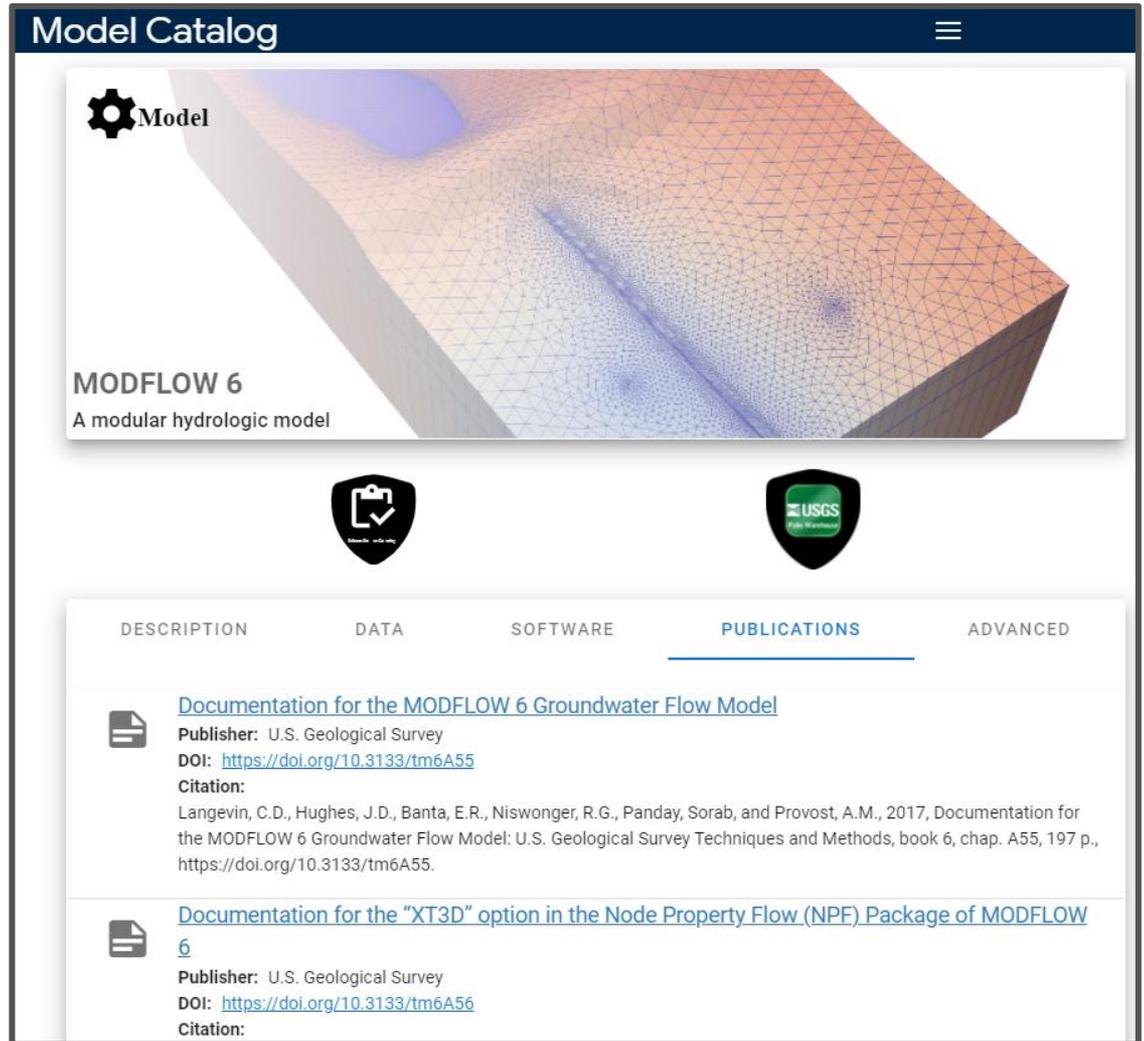
Type: Related Primary Publication

Barclay, J.R., and Mullaney, J.R., 2021, Simulation of groundwater budgets and travel times for watersheds on the north shore of Long Island Sound, with implications for nitrogen-transport studies: U.S. Geological Survey Scientific Investigations Report 2021-5116, 84 p., <https://doi.org/10.3133/sir20215116> <https://doi.org/10.3133/sir20215116>

USGS Model Catalog

- Related publications in PW are referenced in Model Catalog model pages

<https://data.usgs.gov/modelcatalog/>



Model Catalog

Model

MODFLOW 6
A modular hydrologic model

DESCRIPTION DATA SOFTWARE **PUBLICATIONS** ADVANCED

 [Documentation for the MODFLOW 6 Groundwater Flow Model](#)
Publisher: U.S. Geological Survey
DOI: <https://doi.org/10.3133/tm6A55>
Citation:
Langevin, C.D., Hughes, J.D., Banta, E.R., Niswonger, R.G., Panday, Sorab, and Provost, A.M., 2017, Documentation for the MODFLOW 6 Groundwater Flow Model: U.S. Geological Survey Techniques and Methods, book 6, chap. A55, 197 p., <https://doi.org/10.3133/tm6A55>.

 [Documentation for the "XT3D" option in the Node Property Flow \(NPF\) Package of MODFLOW 6](#)
Publisher: U.S. Geological Survey
DOI: <https://doi.org/10.3133/tm6A56>
Citation:

Google and Google Scholar

- Publications Warehouse is fully indexed by search engines

A screenshot of a Google search result. The search bar contains the text "Real-time streambed scour monitoring at two bridges over the Gunnison Ri". Below the search bar, there are navigation links for "All", "Images", "News", "Maps", "Shopping", "More", "Settings", and "Tools". The search results show "About 1,930 results (0.62 seconds)". The top result is "Real-time streambed scour monitoring at two bridges over the ..." with a URL "https://pubs.er.usgs.gov › publication › sir20185123" highlighted in a red box. Below the URL, it says "by MF Henneberg - 2018" and "Dec 19, 2018 - Real-time streambed scour monitoring at two bridges over the Gunnison River in western Colorado, 2016–17." There is also a PDF link for the same article.

A screenshot of a Google Scholar search result. The search bar contains the text "Real-time streambed scour monitoring at two bridges over the Gunnison River". The search results show "Articles" and "My profile". The top result is "Real-time streambed scour monitoring at two bridges over the Gunnison River in western Colorado, 2016–17" by "MF Henneberg - 2018" with a URL "pubs.er.usgs.gov" highlighted in a red box. Below the URL, it says "The Colorado Department of Transportation maintains roadways crossing over large streams and rivers where sediment transport and channel alignment changes can affect the structural stability of bridges. Structural stability during and immediately after peak streamflow can be assessed by measuring streambed scour; however, placing personnel or boats in the water during high-streamflow events using traditional methods can be difficult, hazardous, and time consuming. To address this need, the US Geological Survey, in ...". There are also options to "Sort by relevance" or "Sort by date", and checkboxes for "include patents" and "include citations".

Science.gov

- Find USGS pubs in science.gov
- Science.gov = portal to scientific products from 13 federal agencies

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Real-time streamed scour monitoring at Options Search Search Sign In

Search: Real-time streamed scour monitoring at two bridges over the Gunnison River in western Colorado, 2016-17
Did you mean [Real-time streamed scour monitoring at two bridges over the Unison River in western Colorado, 2016-17?](#)
[Create new alert from this search](#)

(0) [Icons]

70 of 70 sources complete

Topics Visual

Text (101)

Date Range Picker

Clusters

Sort by: # of Results

Refine by:

- Topics
 - NCI (28)
 - Cancer Rese... (21)
 - Development (11)
 - Treatment (10)
 - Patients (9)

Text (101) Data (100) Public Access (100)

Results 1 - 20 of 101 Sort by: Rank Limit to: All Collections (101)

« « 1 2 3 4 5 » »

[Real-time streamed scour monitoring at two bridges over the Gunnison River in western Colorado, 2016-17](#)

☆☆☆☆☆

USGS Publications Warehouse

Henneberg, Mark F.

2018-12-19 Scientific Investigations Report
DOI: 10.3133/sir20185123 ISSN: 2328-031X

The Colorado Department of Transportation maintains roadways crossing over large streams and rivers where sediment transport and channel alignment changes can affect the structural stability of bridges. Structural stability during and immediately after peak streamflow can be assessed by measuring streambed scour; however, placing personnel or boats [Read More...](#)

GeoRef

- GeoRef indexes USGS series publications

The screenshot shows the GeoRef search results page. At the top, the search query is "Geologic map of Chickasaw National Recreation Area, Murray County, Oklahoma". The search results list one item: "Geologic map of Chickasaw National Recreation Area, Murray County, Oklahoma". The metadata for this record is as follows:

Authors:	Lidke, David J.; Wahl, Ronald R.; Golab, James A.; Blome, Charles D.
Source:	Scientific Investigations Map, May 08, 2014
Publisher:	U. S. Geological Survey : Reston, VA, United States
Research Programs:	USGS
Country of Publication:	United States
Publication Date:	May 08, 2014
Collation:	28 p.
Languages:	English
Major Categories:	(14)Geologic maps
Subject(s):	areal geology; Chickasaw National Recreation Area; geographic information systems; geologic maps; geomorphology; information systems; landforms; lithostratigraphy; maps; Murray County

The page also includes navigation options like "Basic Search", "Advanced Search", and "Search History", and a "Tools" sidebar with options like "Google Drive", "Add to folder", "Print", "E-mail", "Save", "Cite", "Export", "Create Note", "Permalink", and "Share".

Catalog of U.S. Government Publications (CGP)

- USGS submits list of new pubs to GPO monthly in compliance with statutory mandate in Title 44 to be added to CGP



CATALOG OF U.S. GOVERNMENT PUBLICATIONS (CGP)

Catalogs to Search: [Congressional Serial Set](#) [Historic Shelflist](#) [FDLP Web Archive](#) [Serials](#) [Congressional Publications](#) [Electronic Titles](#) [Gov eBooks](#) **My Options:** [Bookshelf](#) [Results List](#) [Preferences](#) [Previous Searches](#)

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Whole record set: [Select All](#) | [Deselect All](#) | [Rank](#) | [Refine](#)

Results for W-Publishers= geological survey

Sort options: [Year\(d\)/Title](#) [Year\(a\)/Title](#) [Title/Year\(d\)](#) [SuDoc.\(a\)](#)

Display options: [Extended](#) | [Brief](#)

Records 1 - 10 of 55412 (maximum display and sort is 2000 records)

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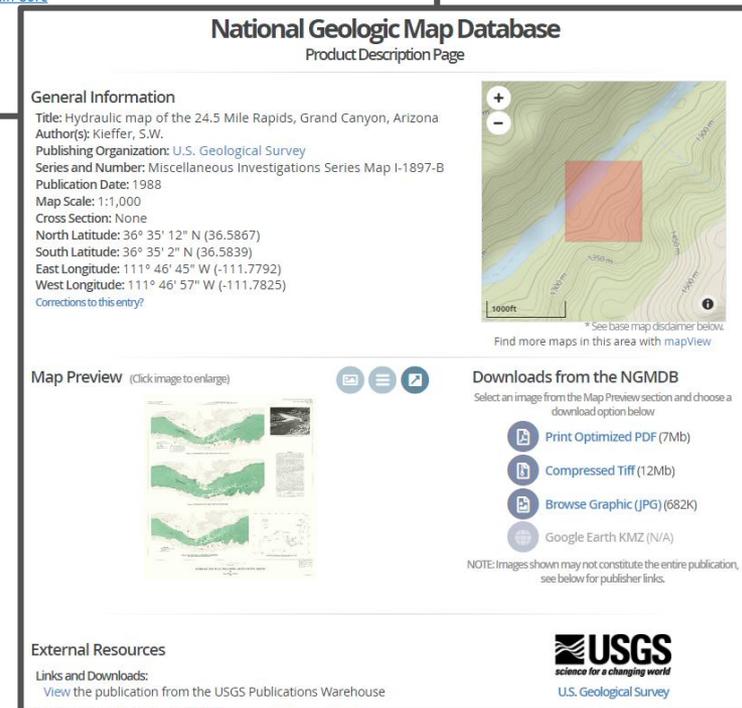
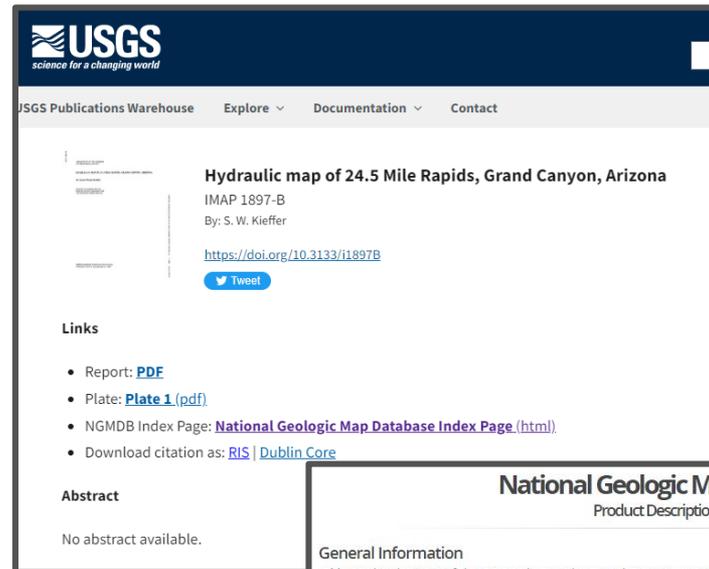
#	Title	Year	Author	SuDoc Number	Internet Access
1	Colorado and Landsat	2023		19.127:2022-3004/2023	https://purl.fdlp.gov/GPO/gpo193609
2	Geologic map of the source region of Shalbatna Vallis, Mars /	2023	Geological Survey (U.S.),	19.91/3:3492	https://purl.fdlp.gov/GPO/gpo190574
3	Illinois and Landsat	2023		19.127:2022-3006/2023	https://purl.fdlp.gov/GPO/gpo193574
4	South Carolina and Landsat	2023		19.127:2022-3005/2023	https://purl.fdlp.gov/GPO/gpo193583
5	2021 assessment of the Joint Fire Science Program's Fire Science Exchange Network /	2022	Collins, Natasha,	19.42/4-4:2022-5052	https://purl.fdlp.gov/GPO/gpo187254

Additional online USGS map resources

- The National Map
 - <https://www.usgs.gov/programs/national-geospatial-program/national-map>
- The National Geologic Map Database
 - <https://ngmdb.usgs.gov/>
- TopoView
 - <https://ngmdb.usgs.gov/topoview/>
- USGS Store
 - <https://store.usgs.gov/>

National Geologic Map Database (NGMDB)

- Archive of U.S. geoscience maps, including from USGS and state geological surveys
- Overlaps with USGS Numbered Series maps also in the Publications Warehouse
- NGMDB offers additional download options



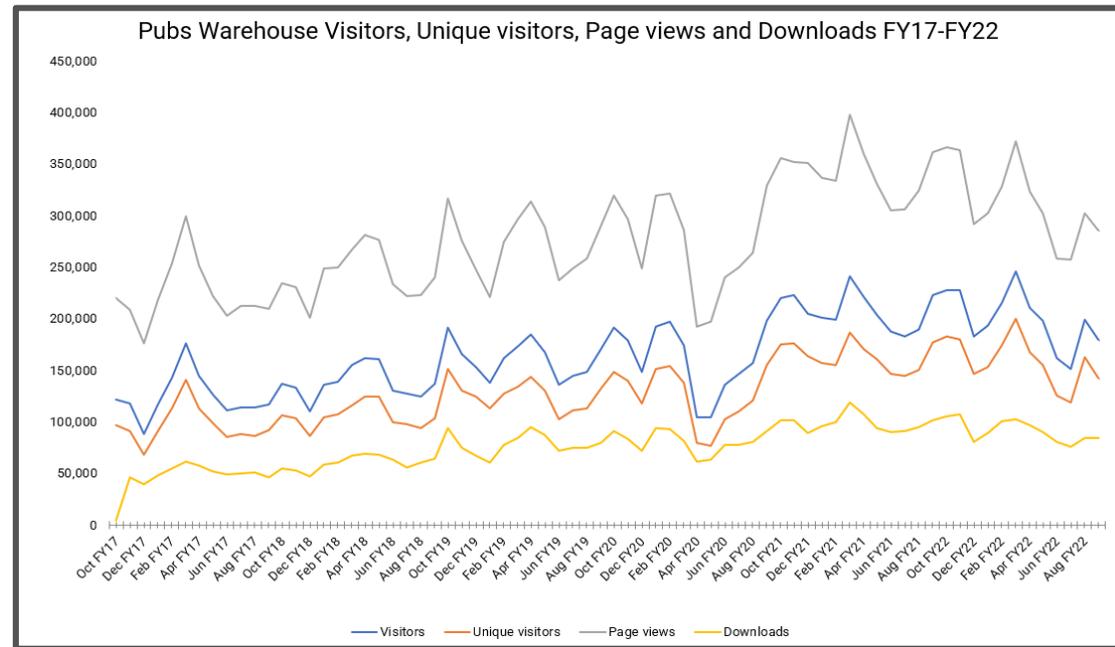
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- 1,096,731 downloads

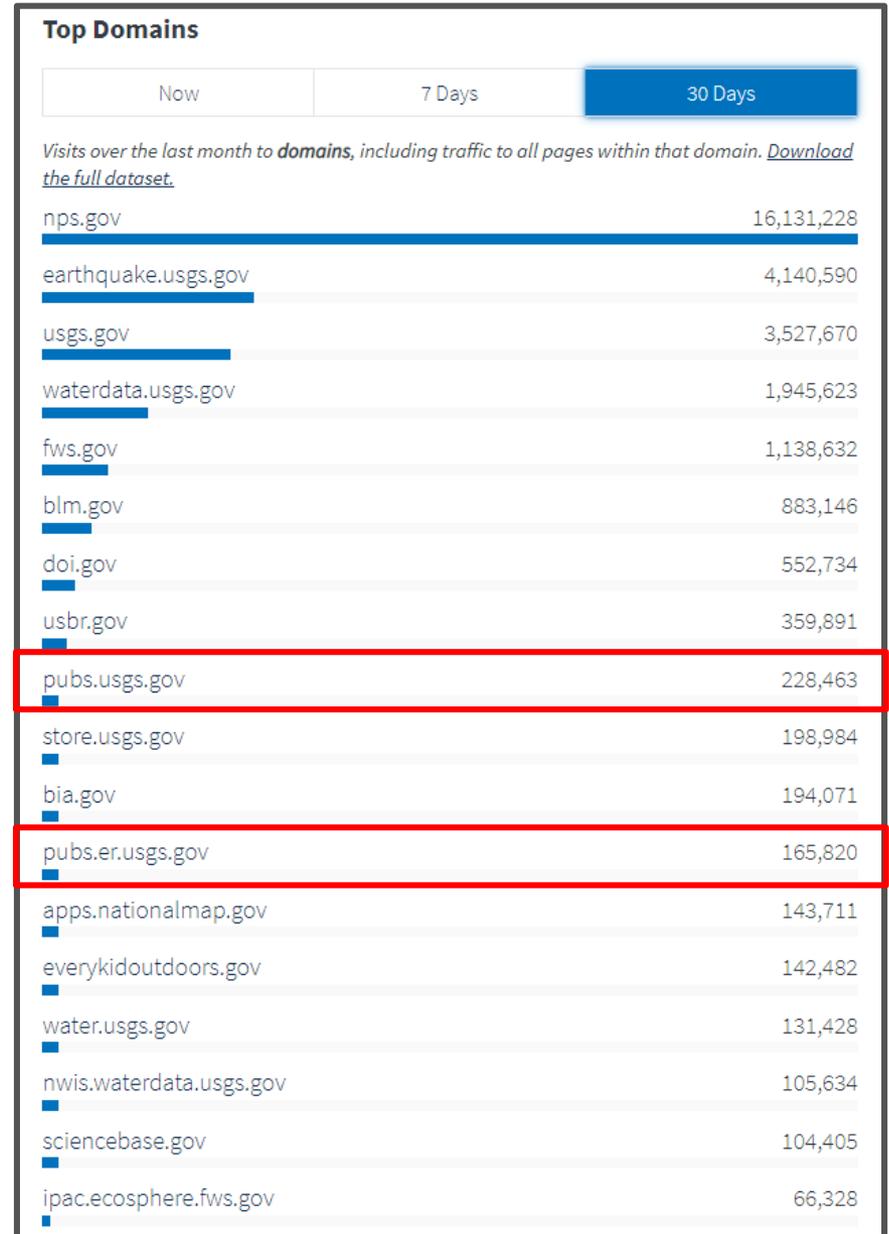
● Citation records

- Added: 4,600+
- Updated: 13,900+



Publications Warehouse statistics

- Consistently a top website in all of Department of Interior



Additional resources

- Website: <https://pubs.er.usgs.gov/>
- Library guide: <https://libraryguides.usgs.gov/pubswarehouse>
- Guidance documentation:
<https://pubs.er.usgs.gov/documentation/about>
- General FAQs: <https://pubs.er.usgs.gov/documentation/faq>
- FSP FAQs: <https://www.usgs.gov/about/organization/science-support/office-science-quality-and-integrity/e7-publications-warehouse>
- Web service documentation:
https://pubs.er.usgs.gov/documentation/web_service_documentation
- API Swagger: <https://pubs.er.usgs.gov/pubs-services/swagger-ui/index.html?url=/pubs-services/v3/api-docs/public>

Thank you!

Kelly Haberstroh

khaberstroh@usgs.gov

Digitization Librarian, USGS Library

Contact the Publications Warehouse Team:

<https://pubs.er.usgs.gov/contact>